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Application No. 10/634,636 Responsive to Office action of November 22, 2004

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## REMARKS

Claims 1, 2, 13, 21 - 25, and 35 were cancelled. Dependent Claim 3 has been amended to be rewritten in independent form including all limitations of Claim 1, and is identical in scope to its previous dependent form. Claims 4, 5, 8, 9, 14, 16, 18 - 20, 26 -30, 36, and 37 have been amended to depend from Claim 3 instead of cancelled Claim 1.

Furthermore, withdrawn independent Claim 38 has been amended to incorporate the language, "wherein said current carrier traps comprises hole traps." Applicants requests rejoinder of the non-elected claims. MPEP 821.04 states that "withdrawn process claims which depend from or otherwise include all the limitations of the allowable product claims will be rejoined."

Applicant now believes the present case to be in condition for allowance, and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application the undersigned can be reached at (408) 737-7200 x114.

Respectfully submitted,

Unity Semiconductor Corporation

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